AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Transparent gas barrier packaging laminate having a bending stiffness for packaging of liquid foods and drinks by a high speed, continuous process, comprising:

outside layers of heat-sealable olefin polymer;

a first gas barrier coated carrier layer including a first gas barrier layer consisting of PECVD SiOx coated onto a first polymer carrier layer, where x is from 1.7 to 2.0;

a second gas barrier coated carrier layer including a second gas barrier layer consisting of PECVD SiOx coated onto a second polymer carrier layer, where x is from 1.7 to 2.0; and

an intermediate polymer layer laminated between the first and second gas barrier coated carrier layers, the intermediate polymer layer having a higher stiffness and a higher thickness relative to each of the first and second gas barrier coated carrier layers, and a higher stiffness relative to low density polyethylene.

wherein a stiffness of each of the first and second polymer carrier layers interacts with the stiffness and the higher thickness of the intermediate polymer layer by an I-beam or sandwich effect to provide the bending stiffness.

Page 3

2. (Previously Presented Transparent gas barrier packaging laminate according to claim 1, wherein the thickness of the intermediate polymer layer constitutes from 30 to 55% of a total thickness of the packaging laminate.

- 3. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein a thickness of one of the first polymer carrier layer and the second polymer carrier layer constitutes from 5 to 20% of a total thickness of the packaging laminate.
- 4. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein the first or second polymer carrier layer is a film of oriented polyester or polyamide.
- 5. (Previously Presented) Transparent gas barrier packaging laminate according to claim 4, wherein the oriented polyester or polyamide is selected from mono- or biaxially oriented polyethyleneterephtalate (PET), mono- or biaxially oriented polyethylenenaphtenate (PEN) and mono- or biaxially oriented polyamide (PA).
- 6. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein the intermediate polymer layer is a polymer selected from high density polyethylene or polypropylene.

Page 4

7. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein the intermediate polymer layer is an olefine polymer and the first and second polymer carrier layer is an oriented polyester or polyamide.

- 8. (Currently Amended) Transparent gas barrier packaging laminate according to claim 1, wherein the <u>PECVD</u> SiOx gas barrier layers of the first and second gas barrier coated carrier layers are positioned in the laminate such that they are facing towards each other.
- 9. (Currently Amended) Transparent gas barrier packaging laminate according to claim 1, wherein the <u>PECVD</u> SiOx-layer is deposited by <u>PECVD</u> technique, wherein x=1.7 to 2.0, at has a thickness of 50 to 500.
- 10. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein a thickness of each of the first polymer carrier layer and the second polymer carrier layer is from 7 to 30 μm.
- 11. (Original) Transparent gas barrier packaging laminate according to claim 1, wherein the first polymer carrier layer and the second polymer carrier layer have the same thickness.
- 12. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein a thickness of the intermediate polymer layer is from 40 to 80 μm.

Page 5

13. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein a total thickness of the packaging laminate is from 100 to 180 µm.

- 14. (Previously Presented) Transparent gas barrier packaging laminate according to claim 1, wherein a thickness of the intermediate polymer layer is from 40 to 60 μ m, a thickness of each of the first polymer carrier layer and the second polymer carrier layer is from 8 to 15 μ m, a thickness of the outside layers of heat-sealable olefin polymer is from 10 to 25 μ m and from 18 to 30 μ m, respectively, and a total thickness of the packaging laminate is from 110 to 140 μ m.
- 15. (Previously Presented) Transparent gas barrier packaging laminate according to claim 14, wherein the thickness of the intermediate polymer layer is from 40 to 50 μm and the thickness of each of the first polymer carrier layer and the second polymer carrier layer is from 12 to 15 μm.
- 16. (Currently Amended) Transparent gas barrier packaging laminate according to claim 14, wherein the thickness of the intermediate polymer [[ayer]] layer is from 50 to 60 μm and the thickness of each of the first polymer carrier layer and the second polymer carrier layer is from 8 to 12 μm.

17. (Currently Amended) Transparent gas barrier packaging laminate

according to claim 8, wherein the intermediate polymer layer is laminated to the

layers of PECVD SiOx by means of a binder layer.

18. (Original) Transparent gas barrier packaging laminate according to

claim 17, wherein the binder layer comprises a graft copolymer of alkoxysilane and

polyethylene.

19. (Previously Presented) Packaging container manufactured from a

packaging material comprising a packaging laminate according to claim 1.

20. (Withdrawn) Method of manufacturing of a packaging laminate,

comprising the steps of:

advancing a first web comprising a first polymer carrier layer coated

with a first SiOx gas barrier layer and a second web comprising a second polymer

carrier layer coated with a second SiOx gas barrier layer towards each other and

towards a first extrusion station;

laminating the first and second webs to each other by means of

extruding an intermediate polymer layer, optionally together with a binder layer on

each side of the intermediate polymer layer, between the first and second webs and

pressing them together at the first extrusion station;

extruding a first outside layer comprising a heat-sealable polyolefin

onto an outside of the first or second polymer carrier layer at a second extrusion

station; and

Page 7

extruding a second opposite outside layer comprising a heat-sealable polyolefin onto an outside of the other of the second or first polymer carrier layer at a third extrusion station.

- 21. (Withdrawn) Method according to claim 20, wherein the first and second webs are advanced towards each other such that the first and second SiOx gas barrier layers of the first and second webs are facing each other.
- 22. (Withdrawn) Method according to claim 20, wherein the first and second SiOx gas barrier layers are treated by a surface activation treatment before laminating to the adjacent layers.
- 23. (Withdrawn) Method of manufacturing of a packaging laminate, comprising the steps of:

advancing a first web comprising a first polymer carrier layer coated with a first SiOx gas barrier layer and a second web comprising a second polymer carrier layer coated with a second SiOx gas barrier layer towards each other and towards a first extrusion station;

laminating the first and second webs to each other by means of extruding an intermediate polymer layer, optionally together with a binder layer on each side of the intermediate polymer layer, between the first and second webs and pressing them together at the first extrusion station;

laminating by application of heat and pressure a premanufactured film comprising at least one layer of a heat-sealable polyolefin to an outside of the first or second polymer carrier layer at a first hot roller nip; and

laminating by application of heat and pressure a premanufactured film comprising at least one layer of a heat-sealable polyolefin to an outside of the other of the second or first polymer carrier layer at a second hot roller nip.

- 24. (Withdrawn) Method according to claim 23, wherein the first and second webs are advanced towards each other such that the first and second SiOx gas barrier layers of the first and second webs are facing each other.
- 25. (Withdrawn) Method according to claim 23, wherein the first and second SiOx gas barrier layers are treated by a surface activation treatment before laminating to the adjacent layers.
- 26. (Withdrawn) Method of manufacturing of a packaging laminate, comprising the steps of:

advancing a first web comprising a first polymer carrier layer coated with a first SiOx gas barrier layer and a second web comprising a second polymer carrier layer coated with a second SiOx gas barrier layer towards each other and towards a first hot roller nip;

laminating the first and second webs to an intermediate premanufactured web comprising an intermediate polymer layer and, optionally, a binder layer on each side of the intermediate polymer layer, which is advanced

Page 9

between the first and second webs, and applying heat and pressure in the first hot roller nip;

laminating by application of heat and pressure a first premanufactured film comprising at least one layer of a heat-sealable polyolefin to an outside of the first or second polymer carrier layer at a second hot roller nip; and

laminating by application of heat and pressure a second premanufactured film comprising at least one layer of a heat-sealable polyolefin to an outside of the other of the second or first polymer carrier layer at a third hot roller nip.

- 27. (Withdrawn) Method according to claim 26, wherein the first and second webs are advanced towards each other such that the first and second SiOx gas barrier layers of the first and second webs are facing each other.
- 28. (Withdrawn) Method according to claim 26, wherein the first and second SiOx gas barrier layers are treated by a surface activation treatment before laminating to the adjacent layers.
- 29. (Previously Presented) Transparent gas barrier packaging laminate according to claim 2, wherein the thickness of the intermediate polymer layer constitutes from 35 to 50% of the total thickness of the packaging laminate.
- 30. (Previously Presented) Transparent gas barrier packaging laminate according to claim 3, wherein the thickness of one of the first polymer carrier layer

Page 10

and the second polymer carrier layer constitutes from 5 to 15% of the total thickness

of the packaging laminate.

31. (Previously Presented) Transparent gas barrier packaging laminate

according to claim 9, wherein the thickness is 80 to 300 Å.

32. (Previously Presented) Transparent gas barrier packaging laminate

according to claim 10, wherein the thickness of each of the first polymer carrier layer

and the second polymer carrier layer is from 8 to 20 µm.

33. (Previously Presented) Transparent gas barrier packaging laminate

according to claim 32, wherein the thickness of each of the first polymer carrier layer

and the second polymer carrier layer is from 8 to 15 µm.

34. (Previously Presented) Transparent gas barrier packaging laminate

according to claim 12, wherein the thickness of the intermediate polymer layer is

from 40 to 60 µm

35. (Previously Presented) Transparent gas barrier packaging laminate

according to claim 34, wherein the thickness of the intermediate polymer layer is

from 40 to 55 µm.

- 36. (Previously Presented) Transparent gas barrier packaging laminate according to claim 13, wherein the total thickness of the packaging laminate is from 110 to 140 μm.
- 37. (Withdrawn) Method according to claim 22, wherein the surface activation treatment includes a corona treatment.
- 38. (Withdrawn) Method according to claim 25, wherein the surface activation treatment includes a corona treatment.
- 39. (Withdrawn) Method according to claim 28, wherein the surface activation treatment includes a corona treatment.